



**Intercontinental Terminals Company (ITC) Fire Morning Update
Deer Park, Texas
April 4, 2019 0000 – April 4, 2019 1159**

- The flushing of Tucker Bayou continued April 4, 2019, the skimming activities are now occurring 24-hours per day. Benzene readings have not spiked during the flushing activities.
- Work within the tank farm continued April 4, 2019, with Tanks 80-2, 80-3, 80-7 and 80-8 being drained or vacuumed. Removal of sludge from 80-14 and 80-15 started but stopped due to elevated benzene levels in the tank farm.
- Harris County and TCEQ have received six calls from citizens in the Channelview area reporting foam in residential area. ITC is developing a plan to address the foam in the residential areas. EPA will provide comments on the plan.
- Due to forecasts for substantial amount of rain, ITC is currently evaluating options to deal with the increased volumes from upstream businesses and drainage areas, which flow through the drainage ditch immediately off Independence and Tidal road. Outfalls 002 and 003 would not be utilized due to the waters that would be coming to those areas would be contact water due to the incident.
- Several entities including Texas Commission on Environmental Quality (TCEQ), EPA, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- ITC continued community air monitoring on April 4 (midnight to midnight); there were 730 VOC readings (10 detections) and 618 benzene readings (8 detections).
- EPA conducted surface water sampling on April 4, 2019, at 10 sample locations. The surface water samples were collected along Buffalo Bayou and the San Jacinto River, and will be analyzed for PFAS, VOCs, SVOCs, COD, and Oil & Grease.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft did not fly during this reporting period due to low ceiling (cloud cover).
- EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on April 4, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs for toluene. The TAGA air sampling results found exceedances of the short-term AMCV for benzene (0.18 ppm) and xylene (1.7 ppm) directly north of the ITC facility. These exceedances of the short-term AMCV for benzene and xylene have been shared with unified command and local officials.
- EPA conducted handheld air monitoring on April 4, 2019, from 00:00 to 23:59 at 58 locations. Results were reported above the detection limit at four locations for total volatile organic compounds (VOCs). EPA will continue to conduct additional air monitoring.
- TCEQ continued handheld air monitoring on April 4 from 12:00 am to 10:00; no readings above the Unified Command action level were detected.
- As of 7:00 pm on Thursday, April 5:
 - 137,400 feet of boom deployed

- 89,576 bbl of product/water recovered from water operations
- 127,457 bbl of product/water recovered from tank farm
- Approximately 465,000 gallons of foam concentrate used for fire-fighting/suppression and emission suppression

Total Vessels as of April 3, 2019				
Work Boats	Barges	Small Capacity Skimming Vessels	Skimmers	Total Vessels
117	105	25	111	358

Tank Status	Tank No.
Complete	80-2, 80-3, 80-7, 80-10, 80-12, 80-13, 80-14, 80-15
Standby	80-1, 80-4, 80-5, 80-6, 80-8, 80-9, 80-11

Additional Information: Air Monitoring and Water Sampling locations, and Waste Storage Tanks:

